

Instructions

You will need:

- a 'Mental Calculations Four-in-a-Row Game' board,
- a page of yellow and red circles,
- a 'Four-in-a-Row' Record Sheet,
- a copy of the answers.

How to play:

1. Choose what colour each player will be and cut out the yellow and red circles.
2. Roll a dice or throw a coin to decide which player will go first.
3. Player 1 chooses a circle and works out the answer to the calculation. If you cannot do this mentally, use the record sheet to work out your answer, e.g.

Calculation	Jottings								Answer	Have you checked your answer?
295-139									156	Yes
			2	9	5					
		-	1	3	9					
		=	1	5	6					

4. If their answer is correct, player 1 places one of their coloured circles on the calculation. If their answer is incorrect, they leave the calculation uncovered.
5. Player 2 takes their turn.
6. The aim of the game is to cover four circles in a row with the same colour. This can be vertically, horizontally or diagonally. Each player must try to block the other player to prevent them from getting four-in-a-row.



Mental Calculations

Four-in-a-Row Game

$583 - 300 =$

$19 \times 2 =$

$4952 \div 10 =$

$32 \times 4 =$

$32.3 \div 10 =$

$234.5 + 230.8 =$

$399 + 483 =$

$15.6 + 15.9 =$

$= 128 \times 2$

$64 \div 4 =$

$= 135.1 + 483.7$

$50 \times 8 =$

$= 589 - 482$

$13 \times 4 =$

$= 120 \div 4$

$15 \times 20 =$

$28.7 - 16.5 =$

$56.7 + 54 =$

$= 2.9 + 2.8$

$529 + 295 =$

$5833 \div 100 =$

$74.9 - 22.5 =$

$413 \div 10 =$

$= 315 \div 5$

$794 - 357 =$

$= 634 - 294$

$= 482 - 205$

$80 \div 4 =$

$25 \times 4 =$

$= 23 \times 20$

$295 - 139 =$

$392 + 492 =$

$= 21 \times 8$

$= 492 + 505$

$56.6 - 25.6 =$

$= 295 \div 5$



Mental Calculations

Four-in-a-Row Game

$673 - 239 =$

$= 1.45 + 1.29$

$2.1 \times 8 =$

$538 \times 2 =$

$= 139 \div 2$

$= 843 - 382$

$201 + 214 =$

$6.12 + 3.005 =$

$12.5 + 45.49 =$

$298.4 - 234.1 =$

$= 539.4 \div 100$

$= 3.45 + 4.103$

$54.44 - 24.04$

$= 47 \times 4$

$139 + 482 =$

$= 3.6 \times 4$

$= 598 - 483$

$28 \times 4 =$

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$35.56 - 14.33 =$

$13.45 + 2.43 =$

$59.05 + 15 =$

$294 \times 2 =$

$168 \div 8 =$

$= 5.6 \times 4$

$82 \div 4 =$

$= 226 \div 4$

$= 984 - 249$

$59.45 - 24.12 =$

$208 \div 8 =$

$= 255 \div 5$

$583.23 \div 100 =$

$= 21.43 + 19.52$

$592 - 394 =$

$3.9 \times 2 =$

$= 83.43 \div 10$

$= 23 \times 8$



Mental Calculations

Four-in-a-Row Game

$4 \times 18 + 17 =$

$4 \times 25 - 54 =$

$70 \div 5 + 12.5 =$

$8 \times 11 - 45 =$

$583 \div 100 + 20 =$

$21 \times 8 + 100 =$

$48 \times 2 - 29 =$

$15 \times 8 + 35 =$

$45 \times 4 - 50 =$

$49 + 75 - 12 =$

$13 \times 8 + 30 =$

$28 + 94 - 15 =$

$84 + 16 - 50 =$

$45 \div 5 + 13.5 =$

$120 \div 20 - 4.5 =$

$16 \times 4 - 21 =$

$4 \times 15 + 54 =$

$54 + 29 - 21 =$

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$344 \div 10 + 4.5 =$

$8 \times 13 - 30 =$

$39 + 54 - 9 =$

$74 \times 2 + 50 =$

$429 \div 10 + 30 =$

$56 + 50 - 25 =$

$45 + 46 - 10 =$

$8 \times 12 - 24 =$

$8 \times 12 - 24 =$

$65 \times 2 - 43 =$

$48 + 52 - 12 =$

$67 + 70 - 43 =$

$12 \times 4 + 43 =$

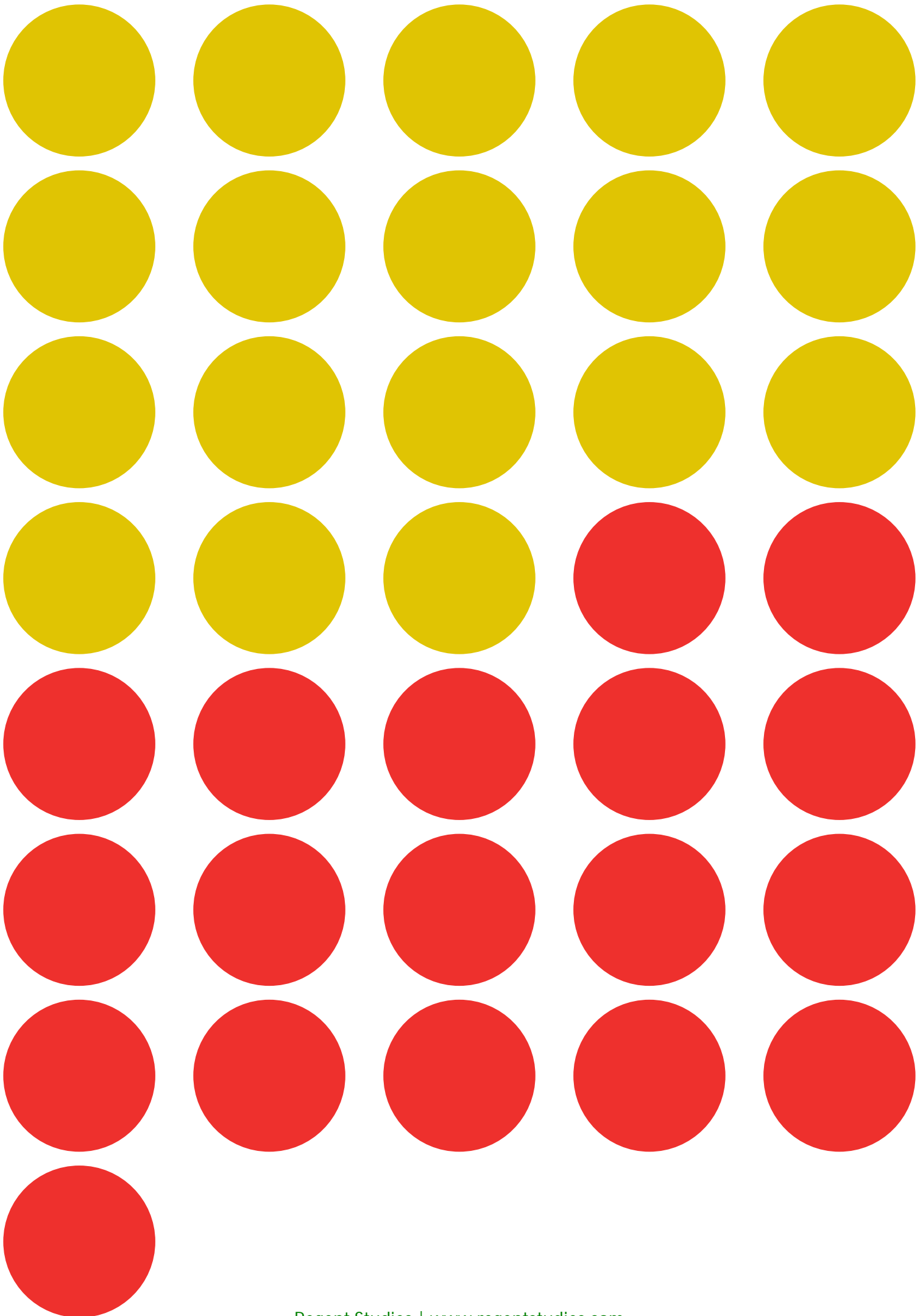
$38 \times 4 + 10 =$

$50 \div 20 + 2.5 =$

$4 \times 15 - 10 =$

$80 \div 20 - 2 =$

$2 \times 85 + 43 =$



Four-in-a-Row Record Sheet

I can perform mental calculations with increasingly large numbers using all four operations.



Calculation	Jottings	Answer	Have you checked your answer?																																																		
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